NT BOOK

nensions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8

M. A. R. 57 (Rule 116)
Measurement Book

No. B

497553

al No. First & Final bill

ne of Work Improvements to Toilets works in ward No. 8

ne of Contractor of nature of Agency Sri. SRIKANTH. K.S AAKAR CONSTRUCTION, BANGALORE-92

e of commencement of work 30/7/2020

e	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Estimate Cost	Rs. 2.50 lakhs					
	Job Code :-	008-20-000044				P-3294	
	work order :-	BBMP/EE/BTP/WO/66/2020-21					Date :- 30/07/2020
	Date of recording	28-09-2019					
1)	providing 12mm thick cement mortar 1:3 to ceiling including rounding of corners wherever required smooth rendering providing	cement plaster in single coat with					

ding

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	and removing scaffolding, including cost of materials, labours, using						
	Ceiling damage position	1	1.50	1.30	-	1.95	
		1	1.20	1.35	-	1.62	
		1	1.00	0.95	-	0.95	
						4.52 m²	
	Assistant Executive Engineer Kodigehalli Sub Division BBMP, Bangalore		@ Rs 248.22/m²				1122-00
2)	providing 20mm thick cement plaster in single coat with Cement mortar 1:6, to stone masonry & concrete surface including rounding off corners wherever required smooth rendering, providing & removing scaffolding, including cost of						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
	2
	materials, labours, using
	Inside wall damage position
	Assistant Executive Kodigehalli Sub BBMP, Banga
3)	providing lime rendering including cost of materials,

BOOK

ns Breadth 5	Depth 6	Contents 7	Reference to last Measurem 8
t of materials, labs			
80 -		1·95	
35 -		1·62	
95 -		0·95	
		4·52 m²	
22/m²			1122=00
single coat with			
concrete surface			
required smooth			
including cost of			

M. A. R. 57 (Rule 116)
Measurement Book

No. B 497554

rial No. .....
me of Work ..... From..... To.....
me of Contractor of nature of Agency .....
te of commencement of work .....

ate	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	materials, labours, curing						
	Inside wall damage position	1	1·80	-	1·20	2·16	
		1	1·65	-	1·00	1·65	
						3·81 m²	
						@ Rs 268·28/m²	1022=00
3)	providing lime rendering for plastering to wall & ceiling including cost of materials, labours, curing.						
	Qty vide item no 1 & 2					8·33 m²	
						@Rs. 33.8/m²	282=00

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurem
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
A)	providing 18mm thick cement plastes in single coat with cement mortar 1:6, brick masonry including rounding off corners wherever required smooth rendering, providing & removing Scaffolding, including cost of materials, labour, curing out side damage portion	1	1.30	-	1.65	2.15	
		1	1.10	-	1.00	1.10	
						3.25 m²	838 =00
	Ltd to C/y. 3.24						
	@ Rs 258.78/m²						
5)	providing & applying two coats with oil bound washable distempers of approved brand & shade on wall surface including priming coat with distempers primers after thoroughly brooming the surface. free						

M. A
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rial No. .....
me of Work ..... Fron
me of Contractor of nature of Agency .....
te of commencement of work .....

ate	Full description, etc, of work	Number
	2	3
	from mortar drops & other face surface even & sand paper smo	
	ceiling portion	8
	Inside wall	2
		2
		2
	Deductions - For door Doors	0.5 x 2
	Door 1	0.5 x 8
	ventilator	0.5 x 8

BOOK

s		Contents	Reference to last Measurem
adth 5	Depth 6	7	8
ngle coat with cem			
rounding off corners			
g & removing Scaff			
ng			
	–		
	1·65	2·15	
	1·60	1·10	
		3·25 m2	838 -00
m2			
nd washable distempers			
cluding priming coat			
ing the surface free			

M. A. R. 57 (Rule 116)
Measurement Book

No. B 497555

rial No. .....
me of Work ..... From..... To.....
me of Contractor of nature of Agency .....
te of commencement of work .....

ate	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Item rector drops & other foreign matter including preparing the surface even & sand paper smooth, cost of materials, labour						
	Ceiling portion	8	1·20	1·20		11·52	
		2	2·70	1·50		8·10	
	Inside wall	2	4·00	–	3·00	24·00	
		2	2·50	–	3·00	15·00	
						58·62	
	Deductions - For door Doors	0·5 x 2	1·50	–	2·10	3·15	
	Door 1	0·5 x 8	0·75	–	2·10	6·30	
	Ventilator	0·5 x 8	0·60	–	0·45	1·08	
						-10·53	
						48·09 m2	

C4fc
28/9

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurem
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		@ Rs 116.19/m2				48.09 m2	5588.00
6)	providing & finishing external walls in Two Coats with waterproof cement paint of approved brand & shade to give an even shade after thoroughly brooming the surface to remove all dirt & loose powdered materials, free from mortar drops & other foreign matters cost of materials, labour,						
	out side C4Pc C/P 28/5	2	5.75	-	3-75	43.13	
		2	4.50	-	3-75	33.75	
						76.88	
	Deductions - For doors Doors	0.5x3	1.50	-	2.10	3.15	
	C4Pc C/P 28/9 Doors-1	0.5x8	0.75	-	2.10	6.30	
	ventilators	0.5x8	0.60	-	0.45	1.08	

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Assistant Executive Engineer
Kodigehalli Sub Division

7) providing ceramic tiles
treads of steps & landi
mortar 1:3 mix, flush
-ent including cost of

For flooring
C4Pc C/P

Assistant Executi
Kodigehalli Sub

NT BOOK

ensions			Contents	Reference to last Measurem
	Breadth 5	Depth 6	7	8
			48.09 m²	5588 = 00
19/m2				
coats with waterproof				
le to give an even shade				
te remove all dirt &				
ches drops & other foreign				
-	3-75		43.13	
-	3-75		33-75	
			76.88	
-	2-10		3.15	
-	2-10		6.30	
-	0.45		1.08	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 497556

ial No. .....
me of Work ..... From..... To.....
me of Contractor of nature of Agency .....
e of commencement of work .....

te	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
						10.53	
			Cfd to 66.34			66.35 m²	7147 = 00
	@ Rs 107.74/m²						
7)	providing ceramic tiles of approved make shade & size for flooring treads of steps & landings laid on a bed of 25mm thick cement mortar 1:3 mix, flush pointing with white cement using colour pigment including cost of materials, labour, curing						
	For flooring	2	0.90	1.20	-	2.16	
		2	1.20	1.00	-	2.40	
						4.56 m²	5828 = 00
	@ Rs 1278.05/m².						

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Kodigehalli Sub Division
BBMP

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	8) providing & skirting dado, risers of steps with Colour glazed tiles on 20mm thick Cement plaster 1:3 & jointed with white cement slurry over rough plaster surface excluding cost of rough plastered surface which should be measured & paid separately] using glazed tiles of approved make & size including cost of materials, labour.						
		1	1.25	-	1.50	1.8	
		5	~~1.50~~ 7.2	-	1.80	~~2.70~~ 64.8	
						62.70 m²	66.60
							84173=00
	@ Rs 1342.48/m²						
	9) providing & fixing factory made PVC door frame of size 50X47mm with a wall thickness of 5mm. made out of extruded 5mm rigid PVC foam sheet metered cut at corners & jointed 2 nos of 150mm						

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

tiles

1:3

rial No. .....
me of Work .....
me of Contractor of nature of Agency ....
te of commencement of work .....

ate	Full description, etc, of work
	2
	long brackets of 15X15mm to be reinforced with door frame to be fixed size
	10) providing & fixing 30mm door shutters made from mm ply styles & 15X15mm

T BOOK

ensions Breadth 5	Depth 6	Contents 7	Reference to last Measurem 8
with Calcon glazed tiles			
ed with white cement slurry			
of rough plastered wall			
arately] using glazed tiles			
f materials, labour.			
		1.8	
-	1.50	~~60.00~~	
-	1.80	~~3.70~~ 64.8	
		66.60	
		62.70 m²	84173=00
340.48/m²			
oor frame of size 50X47mm			
t of extruded 5mm rigid			
s & jointed 2 nos of 150mm			

M. A. R. 57 (Rule 116)
Measurement Book

No. B

497557

rial No. .....
me of Work ..... From..... To.....
me of Contractor of nature of Agency .....
te of commencement of work .....

ate	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	long brackets of 15X15mm M.S square tube, the entire door frame to be reinforced with 19X19mm M.S square tube of 19 gauge, the door frame to be fixed to the wall using MS screws of 65/80mm size	2	0.75	-	2.10	3.15 / 3.15 m²	1557=00
	@ Rs 494.32/m²						
b)	providing & fixing 30mm thick factory made rigid foam pomelled door shutters made from M.S tube of 19 gauge thickness size 19X19 mm for styles & 15X15mm for top & bottom rails, covered with heat						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	moulded PVC Channel of 5mm thick sheet & 30x50mm wide to form styles & 5mm thick & 75mm wide PVC sheet for top rail, bck rail & bottom rail on either side & 5mm thick 20mm wide PVC sheet as grp insert for top rail & bottom rail panelling of 5mm thick PVC sheet fitted in the MS. frame sealed to the styles & rails with 5x30mm PVC sheet beading on either side & joined together with solvent cement adhesive etc complete	2	0.75	2.10		3.15 3.15 m²	9240-00
	Assistant Executive Engineer Kodigehalli Sub Division BBMP, Bangalore						
11)	providing & fixing chlorinated poly vinyl chloride [CPVC] pipes conforming to IS 15778, having thermal stability for hot & cold water supplying including all CPVC plains & brass threaded fitting including						

@ Rs 2931.81/m

NT BOOK

mensions			Contents	Reference to last Measurem
	Breadth 5	Depth 6	7	8
eet & 30 x 50mm wide to form for top rail, bottom rail & 20mm wide PVC sheet as gap ing of 5mm thick PVC sheet the styles & rails with ide & joined together with				
5	-	2.10	3.15 3.15 m	
		29.33.18		
Rs		221.81/m		9240=00
chloride [CPVC] pipes conforming s hot & cold water supplying, readed fitting including				

M. A. R. 57 (Rule 116)
Measurement Book

No. B 497558

rial No. .....
me of Work ..... From..... To.....
me of Contractor of nature of Agency .....
te of commencement of work .....

ate	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	fixing the pipe with clamp at 1.00 mts spacing this includes jointing of pipes & making good the same including testing of joints						
	C4fc C/F 28/2	1	20.00	-	-	20.00	
		1	10.00	-	-	10.00	
		1	10.00	-	-	10.00	
						40.00 m	8872=00
	Assistant Executive Engineer Kodigehalli Sub Division BBMP, Bangalore	@ Rs 221.81/m					
	providing & fixing chorinated poly vinyl chloride [CPVC] pipes conforming to IS 15778 having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fitting including fixing the						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Pipe with clamp at 1.00 mtr spat & the cost of cutting chases & making good the same including testing of joints.						
		1	20.00	-	-	20.00	
		1	15.00	-	-	15.00	
						35.00m	
	@ Rs 309.48/m						10832=00
13	providing & fixing in position bsass gate valve with C-I wheel of approved quality (Screwed end) 25mm nominal bore including cost of all materials, labour & HOM of equipments with all leads.						
		10	-	-	-	10.00	
						10.00 each	
	@ Rs 474.25/each						4743=00

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Serial No. .....
Name of Work .....
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Date of commencement of work .....

Date	Full description, etc, of work
	2
14)	providing & fixing to wall pipes 600 kgf/sq.cm workin special flange compression t ceiling & floors, including cost equipments & testing.

Assistant Executive E
Kodigehalli Sub Div
BBMP, Bangalor

NT BOOK

ensions Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
cost of cutting chases &			
of joints.			
-	-	20.00	
-	-	15.00	
		35.00m	10832=00
9.48/m			
valve with C-I wheel of			
and bore including cost of			
with all leads.			
-	-	10.00	
		10.00 each	4743=00
4.25/each			

M. A. R. 57 (Rule 116)
Measurement Book

No. B 497559

...al No. ..... From..... To.....
...me of Work .....
...me of Contractor of nature of Agency .....
...e of commencement of work .....

te	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
4)	providing & fixing to wall ceiling & floor, low density poly ethylene pipes 600 kgf/sq.cm working pressure 140mm outside diameter with special flange compression type fitting, wall clips, making good the wall ceiling & floors, including cost of all materials, labour charges, Hire of equipments & testing	1	5.00	-	-	5.00	
		1	10.00	-	-	10.00	
		1	20.00	-	-	20.00	
						35.00m	20554=00
			@ Rs 587.27/m			5.	

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Kodigehalli Sub Division
BBMP, Bangalore

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
15)	Constructing bricks masonry inspection chambers 455 x 610 mm & 450mm depth [clear inside dimensions] for single pipeline, using table moulded non-modulas bricks of class designation 50 in cement mortar 1:5, C.I Covers with frame [light duty] 455 x 610 mm internal dimensions, total weight of covers with frame to be not less than 38 kgs weight of Cover 23 kg & weight of frame 15 kg) R.C.C top slab with cement concrete M15 with 20mm & down size granite metal foundation 600 c.c to M5 with 40mm & down size granite metal inside plastering 12mm thick with cement mortar 1:3 finish smooth with a floating coat of cement on walls & bed concrete complete as per standard designs including cost of materials, labour charges, curing	4	-	-	-	4.00 4.00 NOS	

rial No. .....
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ate	Full description, etc, of w
	2
16)	providing & fixing wh
size 600x460mm with
elbow operated levers
hand pattern, painting
wall & floor where

Assistant Execu
Kodigehalli S
BBMP, Ba

ENT BOOK

Dimensions			Contents	Reference to last Measurement
ngth 4	Breadth 5	Depth 6	7	8
chambers 455 x610 mm & 450mm gle pipeline, using table moulded o in cement mortar 1:5, C.I m internal dimensions, total ot less than 38kgs weight of R.C.C top slab with cement granite metal formation once nite metal inside plastering 3 finish smooth with a ed concrete complete as per materials, labour charges, using			4.00	
-	-	-	4.00 Nos	

M. A. R. 57 (Rule 116)
Measurement Book

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rial No. .....
me of Work ..... From..... To.....
me of Contractor of nature of Agency .....
te of commencement of work .....

te	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
				@ Rs. 7461.28/Nos			29845=00
16)	providing & fixing white vetreous china clay, Sloregan type wash basin size 660x460mm with a pair of 15mm C.P brass pillar taps with pair of elbow operated levers, C.I/M.S brackets, 32mm C.P brass waste of standard pattern, painting of fittings & brackets, cutting & making good the wall & floor wherever required, including cost of materials, labours, C&R C&R	1	-	-	-	1.00	
						1.00 Unit	4864=00

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BBMP, Bangalore

@ Rs. 4863.99/Unit

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurem
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	17) providing & fixing in position brass bib cock of approved quality 25mm nominal bore including cost of all materials labour & HOM of equipments with all leads	5	-	-	-	5.00 5.00 each	1246=00
			@ Rs. 249.27/each				
	18) providing & fixing white vitreous china clay, water closet Orissa pattern of size 580x440mm with integral type seat rests 100mm SOS P trap, 10 litre low level P.V.C flushing cistern [all core approved make] with fittings. CI/MS brackets, 32mm diameter flush pipe fitting & clamps overflow arrangement with special 85mm mosquito proof coupling of approved design, painting of fitting						

Assistant Executive En
Kodigehalli Sub Divis
BBMP, Bangalore

T BOOK

sions		Contents	Reference to last Measurem
Breadth 5	Depth 6	7	8
ock of approved quality			
aterials labours & HOM			
-	-	5.00	
		5.00 each	
.27/each			1246=00
ay, water closet Orissa			
e seat with 100mm SOS P			
m [all core approved make]			
meter flush pipe fitting			
id & 85mm mosaic			
ainting of fitting			

M. A. R. 57 (Rule 116)
Measurement Book

No. B 497561

rial No. .....
me of Work ..... From..... To.....
me of Contractor of nature of Agency .....
e of commencement of work .....

te	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	& brackets, cutting & making good the wall & floors wherever requi						
	red, including cost of materials, labour						
	c4fc	2	-	-	-	2.00	
						2.00 pcs	8923=00
	Assistant Executive Engineer @ Rs 4461.56/pcs						
	Kodigehalli Sub Division						
	BBMP, Bangalore						
	providing & placing on terrace, polyethylene water storage tanks with						
	manhole lid & suitable locking arrangements, making holes of suit						
	table diameter for inlet, outlet & over flow pipes including cost of all						
	materials, labour, transport charges, HOM of equipments &						
	testing.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurem
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	-	-	-	1.00	
						1.00 Nos	
				@ Rs 7219.01/Nos			7219=00
	20) providing & fixing 453x357mm dia rectangular shape mirror with plastic moulded frame of approved make & shade with 6mm thick hard board backing including cost of materials, labour						
		2	-	-	-	2.00	
						2.00 Unit	
				@ Rs. 1199.89/unit			2400=00

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

M.

rial No. .....
me of Work ..... Fr
me of Contractor of nature of Agency .....
te of commencement of work .....

ate	Full description, etc, of work	Numb
	2	3

CERTIFICATE :-

1) The Contractor has done th
2) There is no any departmen
3) The Contractor has cleared

ENT BOOK

Dimensions			Contents	Reference to last Measurement
th	Breadth 5	Depth 6	7	8
	-	-	1.00	
			1.00 Nos	72[illegible]=00
7213.01/Nos				
rectangular shape mirror				
d make & shade with 6mm				
of materials, labour				
	-	-	2.00	
			2.00 Unit	2400=00
199.89/unit				

M. A. R. 57 (Rule 116)
Measurement Book

No. B 497562

rial No. .....
me of Work ..... From..... To.....
me of Contractor of nature of Agency .....
e of commencement of work .....

te	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
			Sub total				216288=00
			GST @ 12%				25955=00
			Grand total				242243=00
							242200.00

CERTIFICATE :-

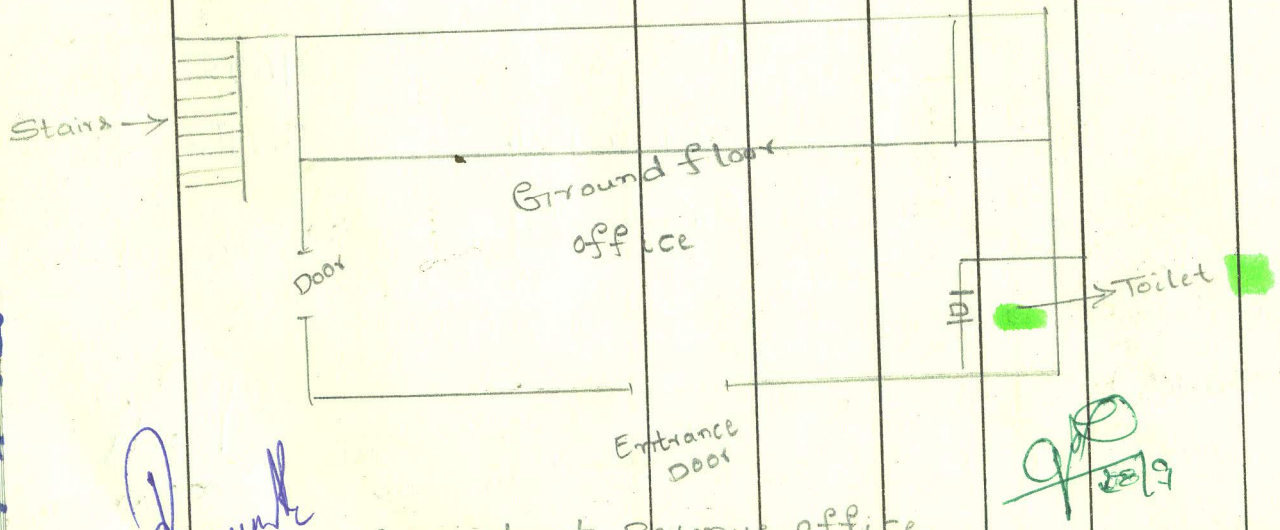
1) The Contractor has done the work satisfactorily
2) There is no any departmental issues with contractor
3) The contractor has cleared all debries from workspot

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8

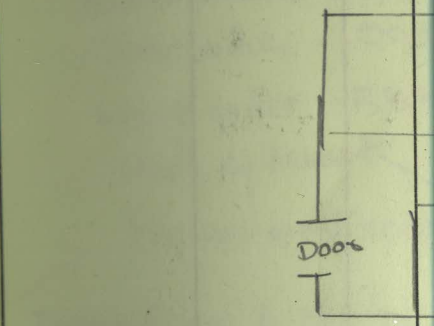
Sketch :-



Assistant Executive Engr
Kodigehalli Sub Divisn

rial No. .....
me of Work .....
me of Contractor of nature of Agency .....
te of commencement of work .....

ate	Full description, etc, of work
	2



NT BOOK

ensions		Contents	Referen to last Measuren
Breadth 5	Depth 6	7	8

1st & Final

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2 P3294	3	4	5	6	7	8
	ಲೆಕ್ಕಶೀರ್ಷಿಕೆ 14th Finance Commission ಅಡಿಯಲ್ಲಿ ಬಿಲ್ಲು ಮೊಬಲಗು ರೂ. 242200/= ಗಳನ್ನು ಪಾಸು ಮಾಡಿದೆ. ಇದರಲ್ಲಿ ರೂ. 10200/= ಗಳನ್ನು ಹೊಂದಾಣಿಕೆ ಮಾಡಿಕೊಂಡು ರೂ. 232000/= ಗಳನ್ನು		TTB	242200			
			IT	2422			
			CGST	2163			
			SGST	2163			
			Cess	2422			
			CBF	243			
			LR	787			
			Ded..	10200			
			Cheque	232000			
	FT/NEFT/RTGS ಮುಖಾಂತರ ನಿಡಲಾಗಿದೆ ವಿಷಯ ನಿರ್ವಾಹಕರು ಲೆಕ್ಕಶೀರ್ಷಿಕೆ ಅಧಿಕಾರಿ 21/12 ಬ್ಯಾಂಕಿನವರಿಗೆ ಬರೆದಿರುವ ಪತ್ರ ಬೆರೆಸುವ, ಬೆರಸದಿರುವ ಅಧಿಕಾರಿಯ ಅಂತಿಮ ಪರಿಶೀಲನೆ ಬ್ಯಾಂಕಿನವರಿಗೆ ಬರೆದಿರುವ ಪತ್ರ ಬೆರೆಸುವ, ಬೆರಸದಿರುವ						

First & Final

Name of Work .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work
	2
	Estimate cost-
	Job code :
	Work order :
	Head of Account
	Measurement
	Dismantling of exis
	walls and other st
	wood work, steel